AUTODOC CLUB

How to change fuel filter on **Mercedes W168 diesel** – replacement guide





VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
MERCEDES-BENZ A-Class (W168) A 160 CDI (168.007), MERCEDES-BENZ A-Class (W168) A 170 CDI (168.008), MERCEDES-BENZ V-Class (W638/2) V 200 CDI (638.294), MERCEDES-BENZ V-Class (W638/2) V 220 CDI (638.294), MERCEDES-BENZ VITO Bus (638) 108 CDI 2.2 (638.194), MERCEDES-BENZ VITO Bus (638) 110 CDI 2.2 (638.194), MERCEDES-BENZ VITO Bus (638) 112 CDI 2.2 (638.194), MERCEDES-BENZ VITO Box (638) 108 CDI 2.2 (638.094), MERCEDES-BENZ VITO Box (638) 110 CDI 2.2 (638.094), MERCEDES-BENZ VITO Box (638) 112 CDI 2.2 (638.094), MERCEDES-BENZ SPRINTER 2-t Bus (901, 902) 208 CDI 2.2, MERCEDES-BENZ SPRINTER 2-t Bus (901, 902) 211 CDI 2.2, MERCEDES-BENZ SPRINTER 2-t Bus (901, 902) 213 CDI 2.2, MERCEDES-BENZ SPRINTER 2-t Bus (901, 902) 216 CDI 2.7, MERCEDES-BENZ SPRINTER 3-t Bus (903) 308 CDI 2.2, (+ 50)

The steps may slightly vary depending on the car design.





REPLACEMENT: FUEL FILTER – MERCEDES W168. TOOLS YOU MIGHT NEED:



- All-purpose cleaning spray
- Drive socket # 7
- Torx bit T10
- HEX bit No.H5
- Ratchet wrench
- Flat Screwdriver
- Bulb hand fuel pump
- Fender cover

BUY TOOLS





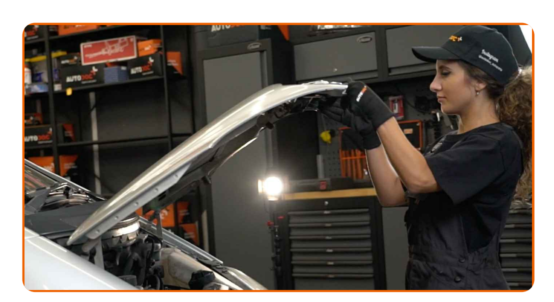


Replacement: fuel filter – Mercedes W168. AUTODOC recommends:

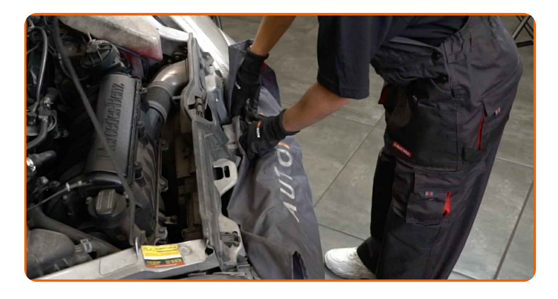
- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – Mercedes W168 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.

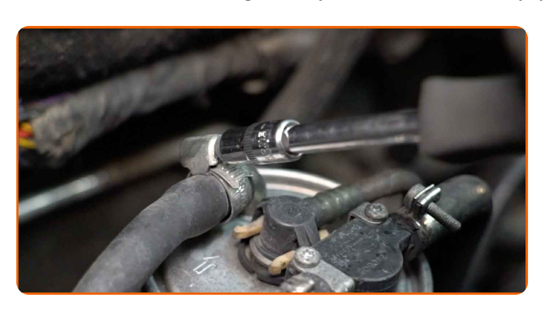






4

Loosen the fastening clamp of the fuel filter pipe. Use a drive socket #7. Use a ratchet wrench.



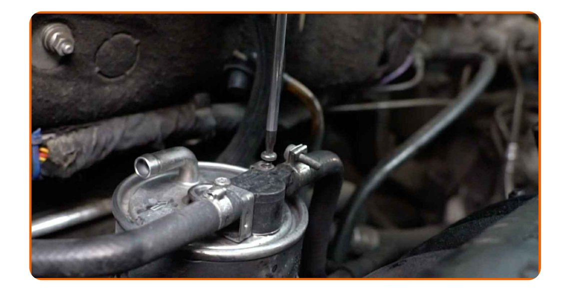
5

Detach the tubes from the fuel filter. Use a flat screwdriver.



6

Unscrew the fastener attaching the fuel supply line to the fuel filter housing. Use Torx T10.



7

Remove the fuel line.



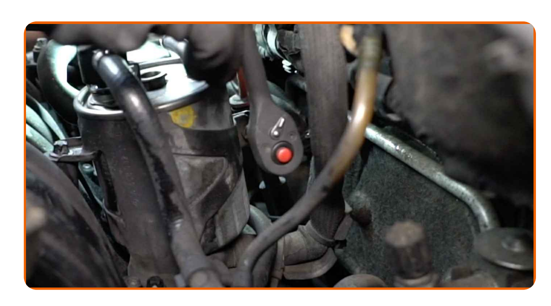
Replacement: fuel filter – Mercedes W168. Tip from AUTODOC experts:

- Be careful! Fuel may leak from the filter housing and hoses.

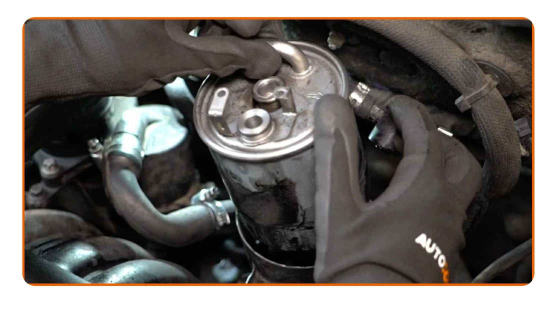




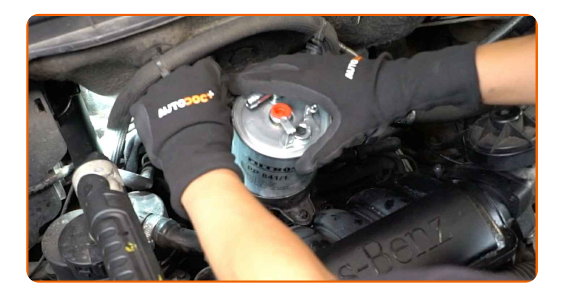
8 Loosen the fuel filter mounting. Use HEX No.H5. Use a ratchet wrench.



9 Remove the fuel filter.



10 Install a new fuel filter.



Replacement: fuel filter – Mercedes W168. AUTODOC experts recommend:

- Make sure that the fuel filter is positioned correctly. Consider the fuel flow direction mark.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Mercedes W168 – It's important to only use high-quality filters.

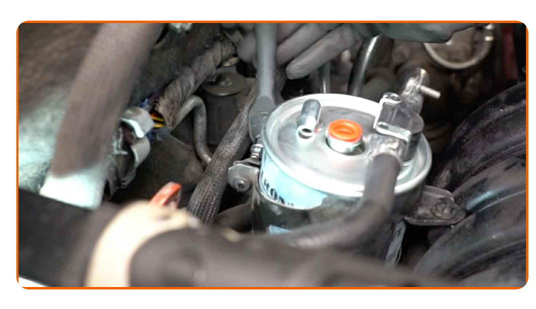




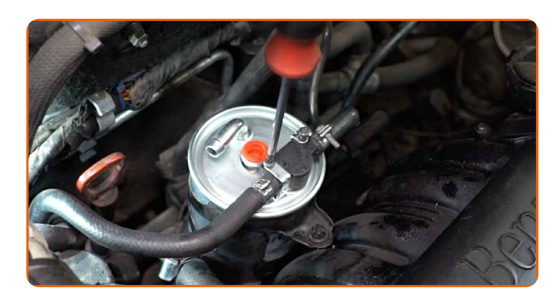
11 Install the fuel line.



12 Screw in the fuel filter mounting bracket. Use HEX No.H5. Use a ratchet wrench.



13 Screw the fastener attaching the fuel supply line to the fuel filter housing. Use Torx T10.



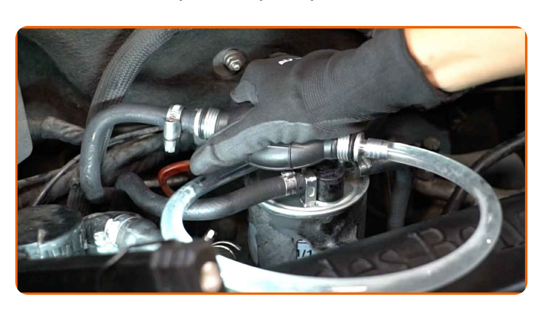
14 Attach the pipe to the fuel filter. Use a flat screwdriver.







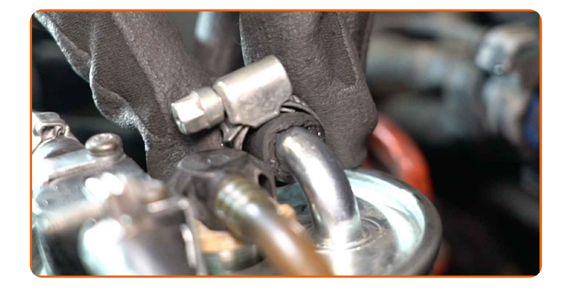
15 Press the fuel primer pump several times until it gets hard. Use a bulb hand fuel pump.



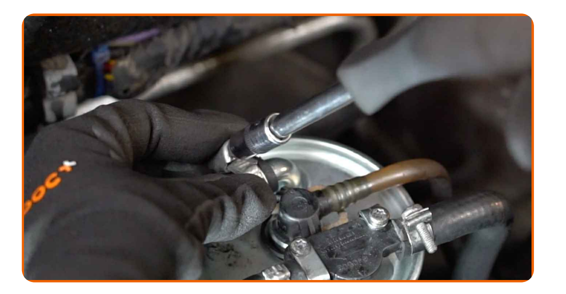
AUTODOC recommends:

- Be careful! Fuel may leak from the filter housing and hoses.

16 Attach the pipe to the fuel filter.



17 Tighten the fastening clamp of the fuel filter pipe. Use a drive socket #7. Use a ratchet wrench.



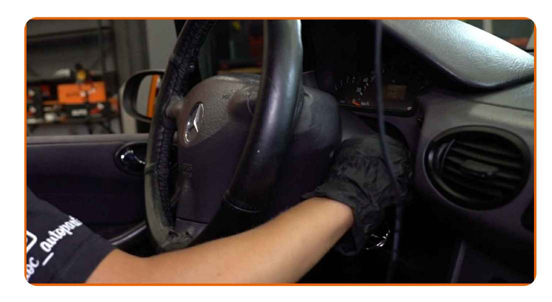




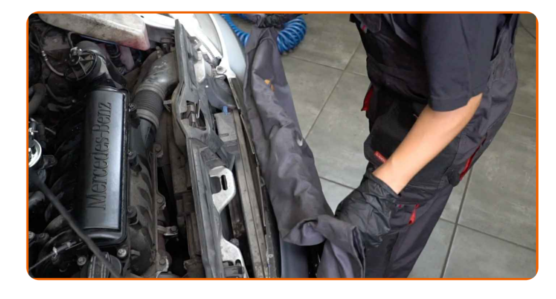
18 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



19 Shut off the engine.



20 Remove the fender protection cover.



21 Close the hood.







Replacement: fuel filter – Mercedes W168. AUTODOC recommends:

- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

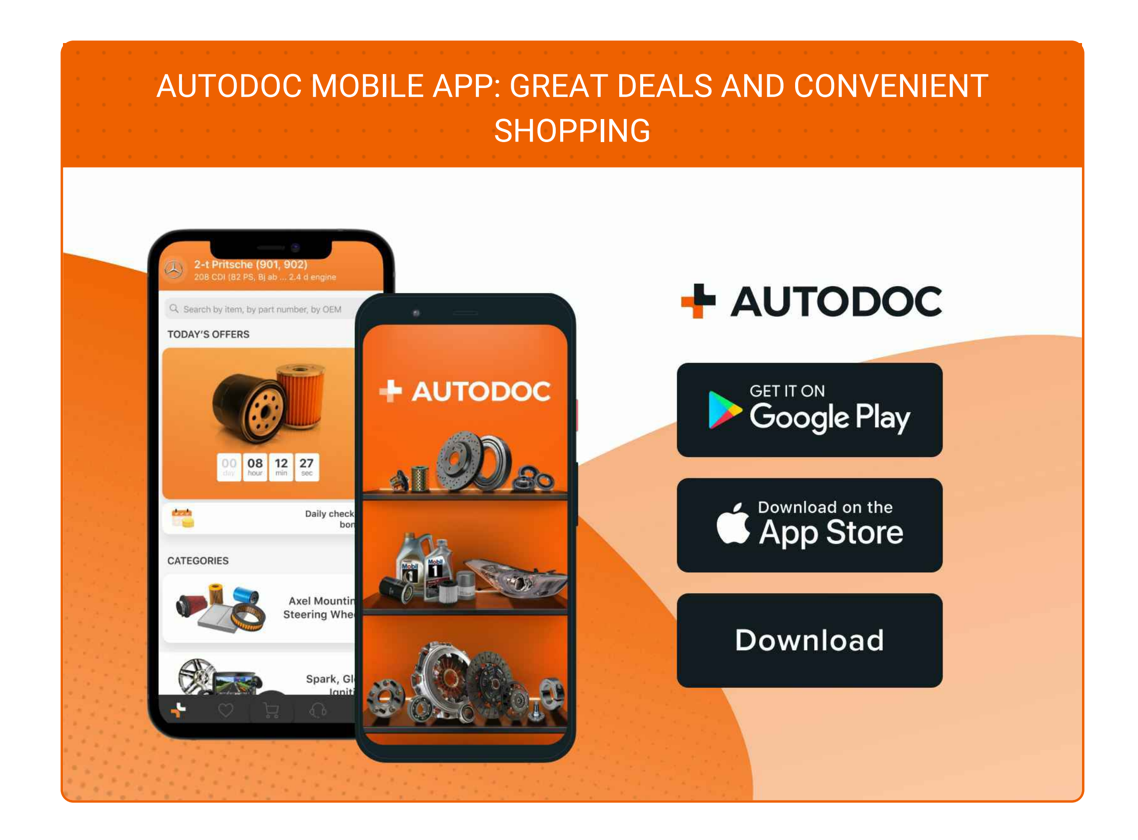


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